

**AMENDMENTS TO THE SPECIFICATION:**

**ABSTRACT**

A device for heating food using induction, including a base element having a secondary winding configured from a current conductor and a heating element that is connected to the winding. To reduce the height of the base element, a winding core is located inside the winding. Further, a device for transmitting energy to a device for heating food by induction, the former device including a primary winding that is configured from a current conductor and is connected to a voltage source.